

# GARS Workshop

February 15,2022



## Digital Modes for Amateur Radio (Part-1)

Bob Hensey [K4VBM](#)

Dallas' Notes on installing Meinberg

# Meinberg – Network Time Protocol

Download and Configuration

<https://www.meinbergglobal.com/english/sw/ntp.htm>

**Scroll down until you find this:**

NTP for current Windows versions (Windows XP and later), with IPv6 support

[ntp-4.2.8p15-v2-win32-setup.exe](#) (4.29 MB)

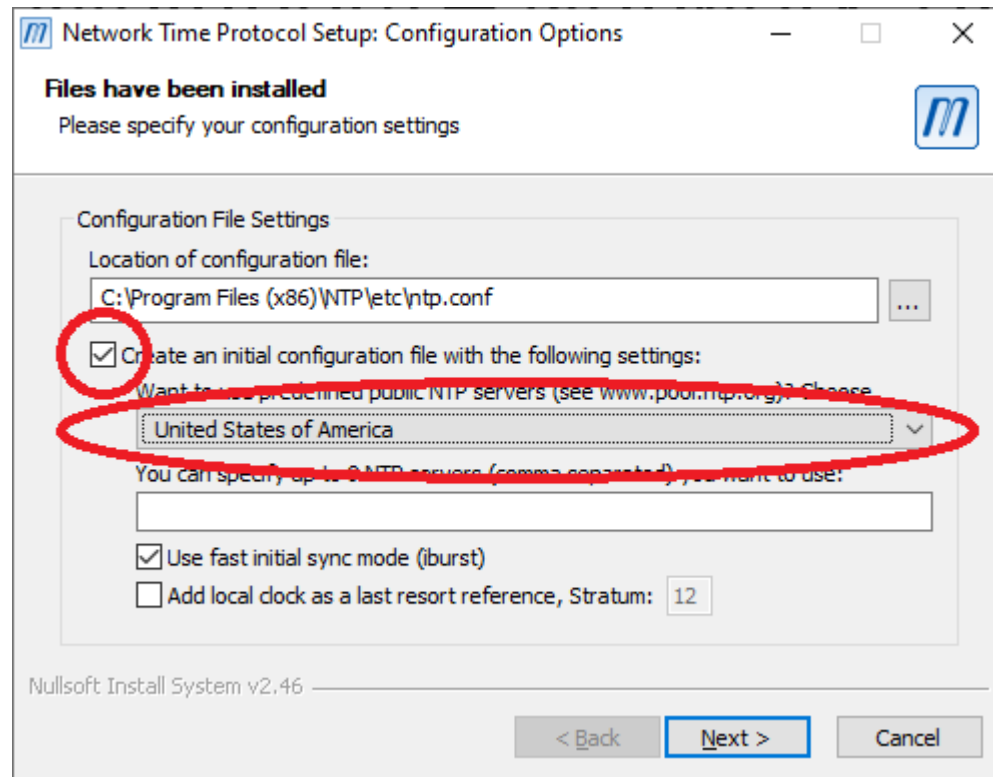
*24 February 2021*

*NTP package with IPv6 support for Windows XP and newer*

**After the file is downloaded, click on it to start the install**

# Take the defaults until you get to this screen

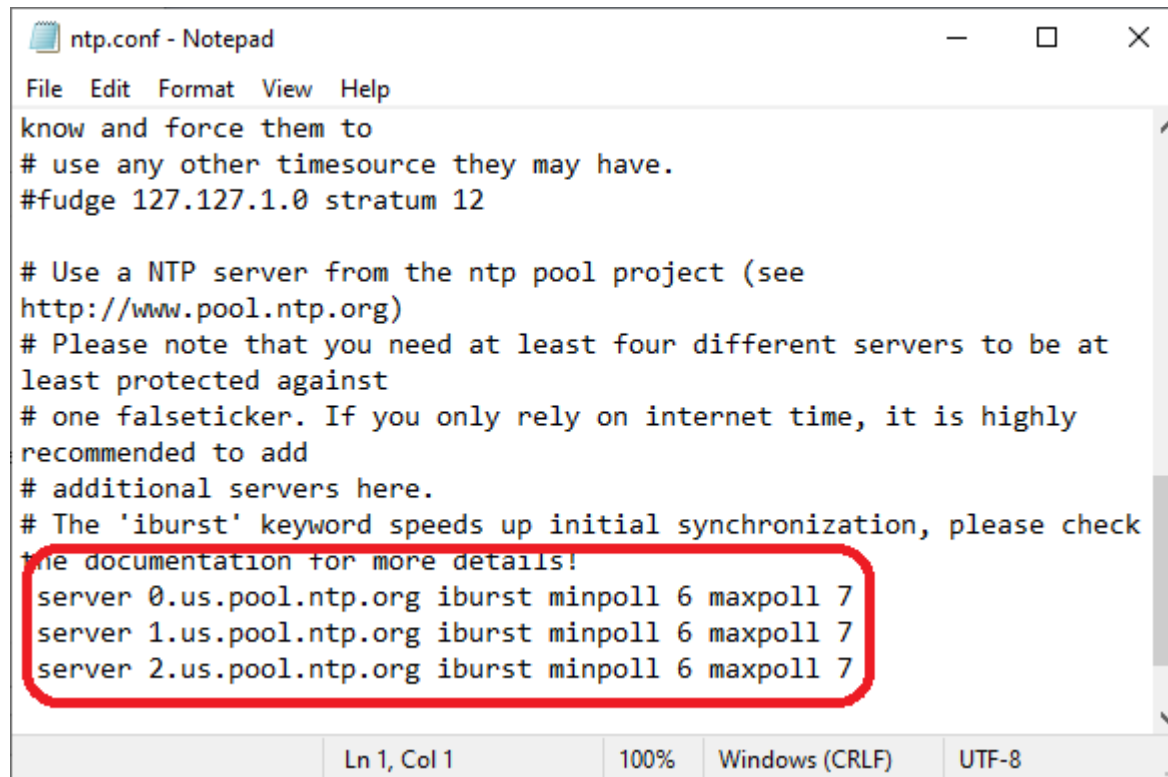
- Make sure the Check Box is checked
- **(MANUALLY)** Select united States of America
- Click Next



# Review the “ntp.config” file

Scroll down, check that 3 NTP servers are there

Then close Notepad



```
ntp.conf - Notepad
File Edit Format View Help
know and force them to
# use any other timesource they may have.
#fudge 127.127.1.0 stratum 12

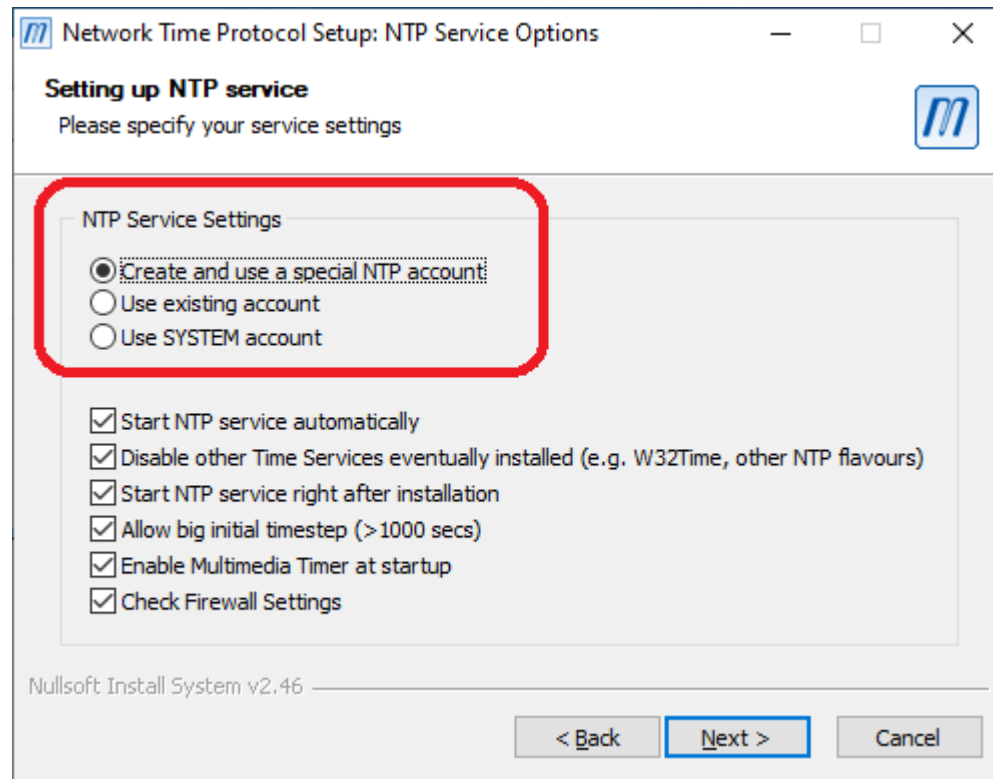
# Use a NTP server from the ntp pool project (see
http://www.pool.ntp.org)
# Please note that you need at least four different servers to be at
least protected against
# one falseticker. If you only rely on internet time, it is highly
recommended to add
# additional servers here.
# The 'iburst' keyword speeds up initial synchronization, please check
the documentation for more details!
server 0.us.pool.ntp.org iburst minpoll 6 maxpoll 7
server 1.us.pool.ntp.org iburst minpoll 6 maxpoll 7
server 2.us.pool.ntp.org iburst minpoll 6 maxpoll 7

Ln 1, Col 1    100%    Windows (CRLF)    UTF-8
```

# Bob recommended changing this

Select Create and use a special NTP account

Then hit Next



# NTP Service Account

Enter a password, write it down... You might need it later...

Network Time Protocol Setup: NTP Service Account

**Setting up NTP service**  
Enter the user ID and password used for running the service

NTP Service Account

Enter a name for the new NTPD account:  
ntp

Enter a password for the new account:  
●●●●●●●●

Confirm the password:  
●●●●●●●●

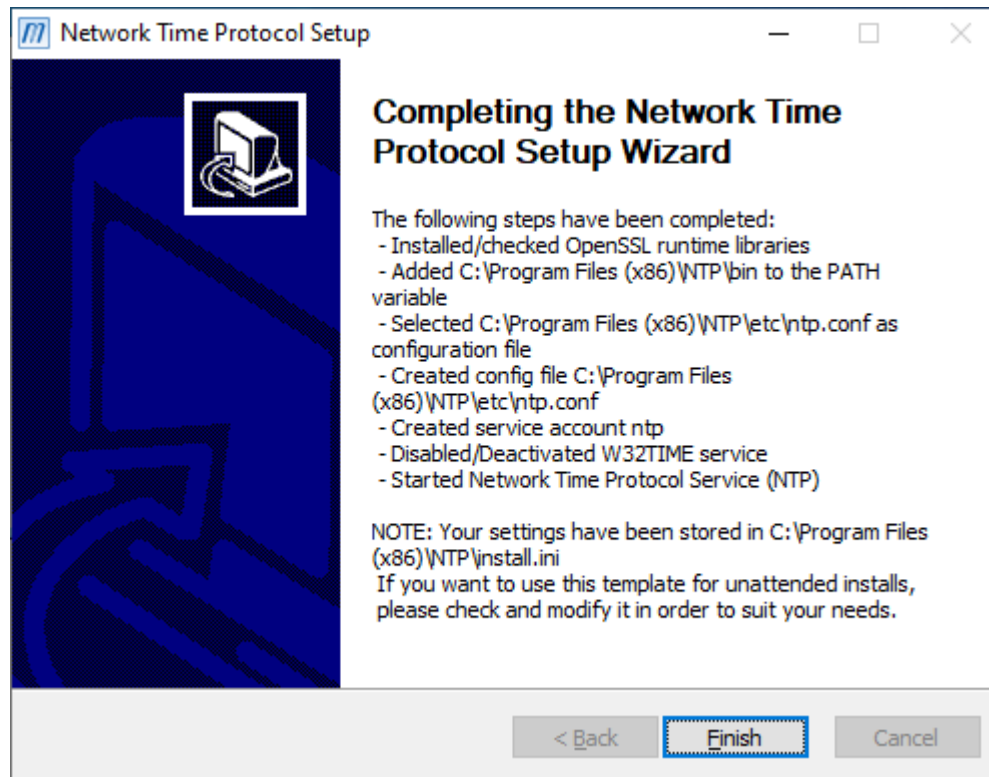
Nullsoft Install System v2.46

< Back   Next >   Cancel

# Finish

Click on Finish

But there is more...



# Hint and Tips about Meinberg

If you need to uninstall Meinberg it is listed as Network Time Protocol

